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# Lighting Research and Technology

# Cumulative Index for Volumes 1–25 (1969–1993)

### General Notes

The titles of papers are indexed in full in the natural order of the words, with cross-indexing, if necessary, under keywords. In cross-indexing the longer titles are shortened.

Letters are indexed under Correspondence, under the appropriate subject, and under author. Letters relating to a paper are indexed with the subject of the paper.

The Subject Index gives the names of all authors of multiple-author papers and the first and last pages of each paper. Book reviews are included.

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The Author Index gives the names of all authors. With multiple-author papers only one name is given at a time, but the names of the other authors can be found by reference to the Subject Index.

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| Daylight coefficients for practical computation of internal luminances | P J Littlefair | 24 | 3 | 127–135 | 1992 |
| Daylight computer models, Incorporating body-tinted glazing into | S Sharples, J K Page & C G Souster | 16 | 3 | 143–145 | 1984 |
| Daylight control, automatic, of artificial lighting, Preliminary study | V C H Crisp | 9 | 1 | 31–41 | 1977 |
| Daylight design, A sequence for | J A Lynes | 11 | 2 | 102–106 | 1979 |
| Daylight: Estimation at the sketch design stage, Lighting energy savings from | J A Lynes & P J Littlefair | 22 | 3 | 129–137 | 1990 |
| Daylight factor and illuminance values | P R Tregenza | 12 | 2 | 64–68 | 1980 |
| Daylight factor and internal reflected component with large external obstructions, Modication of the split-flux formulae for mean | P R Tregenza | 21 | 3 | 125–128 | 1989 |
| Design, multiple criterion, A computer aid | D J Carter | 13 | 3 | 153–157 | 1981 |
| Daylight, Harnessing | M A Wilkinson | 21 | 1 | 37–47 | 1989 |
| Daylight illuminance, Measured and calculated frequency distributions of | P R Tregenza | 18 | 2 | 71–74 | 1986 |
| Daylight illuminance models for the United Kingdom | T Muneer & R C Angus | 25 | 1 | 113 | 1993 |
| Daylight illumination, Sky luminance measurements for design and control of indoor | A J F Rutten | 22 | 4 | 189–192 | 1990 |
| Daylight, Improved data for predicting energy savings from photoelectric controls | D R G Hunt | 11 | 1 | 9–23 | 1979 |
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| Development of | Correspondence P Petherbridge | 16 | 4 | 155–170 | 1984 |
| Daylighting: appraisal at the early design stages | H Byrd & A Hildon | 11 | 2 | 99–101 | 1979 |
| Daylighting of buildings, Development and practice in | J A M Bell | 5 | 4 | 173–185 | 1973 |
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| Daylight measurement data: Methods of evaluation and representation | R Kittler, S Hayman, N Ruck & W Julian | 24 | 4 | 173–187 | 1992 |
| Daylight measurement in models: New type of equipment | P R Tregenza | 21 | 4 | 193–194 | 1989 |
| Daylight, Measurements of the luminous efficacy of | P J Littlefair | 20 | 4 | 177–188 | 1988 |
| Daylight Measurement Year: Expanding the database with remote sensing, International | S Hayman & P R Tregenza | 22 | 4 | 201–204 | 1990 |
| Daylight models: Precise algorithms for determination, Sun position for | R C Angus & T Muneer | 25 | 2 | 81–83 | 1993 |
| Daylight, Quantitative data on, for illuminating engineering | J Krochmann & M Seidl | 6 | 3 | 165–171 | 1974 |
| Daylight research, New artificial 'overcast and clear' sky with an artificial sun | R Kittler | 6 | 4 | 227–229 | 1974 |
| Daylight—See also Sky, Windows | | | | | |
| Daytime lighting of buildings: Report of IES symposium | | 6 | 2 | 104–111 | 1974 |
| Correspondence | E Wotton | 6 | 3 | 174 | 1974 |
| Daytime lighting of tunnel entrances, Research on· | H G Schroter | 9 | 4 | 194–208 | 1977 |
| Demonstration of a new type of system, Lighting control: Feasibility | W L Glennie, I Thukral & M S Rea | 24 | 4 | 235–242 | 1992 |
| Desert: Case study of Ghardaia, Algeria, Light and housing in the | D Ouahrani | 25 | 1 | 1–11 | 1993 |
| Design for variety in lighting | R C Aldworth & D J Bridgers | 3 | 1 | 8–23 | 1971 |
| Designing and testing to BS 4533 | J S Barnes & G Hodgin | 6 | 2 | 53–61 | 1974 |
| Designing for contrast rendition | J A Lynes | 14 | 1 | 1–18 | 1981 |
| Designing for quality as a routine | W K Lumsden & D G D Halifax | 1 | 3 | 136–147 | 1969 |
| Designing standard high-pressure sodium lampssodium lamps, Simple computer program for | P L Denbigh & B F Jones | 16 | 4 | 193–199 | 1984 |
| Design, lighting, Lightness, colour and constancy | J A Lynes | 3 | 1 | 24–42 | 1971 |
| Design, lighting, Uniformity as a key element in present developments | B Constantos | 14 | 2 | 102–105 | 1982 |
| Design model, High-pressure sodium lamps: Practical | J M Strok | 24 | 3 | 149–154 | 1992 |

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|---|---|---|---|---|---|
| Design of an artificial BRE Average Sky, Luminance pattern simulation: | S P Stupple, J A Lynes & P J Littlefair | 19 | 4 | 105–113 | 1987 |
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| Errata | | 19 | 2 | 52 | 1987 |
| Discharges, high pressure, in mercury and the halides of aluminium, tin and lead, Comparison of | A G Chalmers, D O Wharmby & F L Whittaker | 7 | 1 | 11–18 | 1975 |
| Discharges, Properties of sodium tin halide-mercury | F L Whittaker | 13 | 1 | 11–16 | 1981 |
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| Education in lighting, Proposals for a new undergraduate | P T Stone | 4 | 2 | 57–66 | 1972 |
| Education, lighting, The crisis in | A R Bean, J F Pickup & D C Pritchard | 2 | 4 | 205–219 | 1970 |
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| Electrical breakdown in gas-filled incandescent lamps | G Bergmann & P Gerthsen | 4 | 3 | 159–165 | 1972 |
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| Electrode fall and electric field measurements on high-pressure sodium discharges | P L Denbigh & D O Wharmby | 8 | 3 | 141–145 | 1976 |
| Electromagnetic model for lighting simulations, Light scattering by rough surfaces: | J J Embrechts | 24 | 4 | 243–254 | 1992 |
| Electron energy distribution, Fluorescent lamps: Dynamic analysis with two-temperature representation of | K Wani | 23 | 2 | 107–110 | 1991 |
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| Elements of photometry, brightness and visibility | H W Bodmann | 24 | 1 | 29–42 | 1992 |
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| Emergency lighting, Illuminance, diversity and disability glare in | R C Simmons | 7 | 2 | 125–132 | 1975 |
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| Emergency lighting: the effect of illuminance, Movement under | P Boyce | 17 | 2 | 51–71 | 1985 |

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|---|---|---|---|---|---|
| Emergency lighting: The effects of changeover from normal lighting, Movement under | P R Boyce | 18 | 1 | 1–18 | 1986 |
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| Equivalent sphere illumination, Is (it) the future? | P R Boyce | 10 | 4 | 179–183 | 1978 |
| Correspondence | J M Waldram | 11 | 2 | 107 | 1979 |
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| Equivalent veiling luminance: Different mathematical approach to calculation | A Augdal | 23 | 1 | 91–93 | 1991 |
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| Errors in calculated illuminance, Diffusing windows: | I H Boyd | 20 | 3 | 95–99 | 1988 |
| European glare limiting method | D Fischer | 4 | 2 | 97–100 | 1972 |
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| Exterior lighting design, Effect of atmospheric attenuation on | F W Heard, F H S Stone & B W Jewess | 8 | 3 | 151–156 | 1976 |
| Errata | | 8 | 4 | 224 | 1976 |
| Correspondence | J M Waldram | 8 | 4 | 224 | 1976 |
| Correspondence | F W Heard et al | 8 | 4 | 224 | 1976 |
| Eye: dynamic perspective, Roving | J M Waldram | 17 | 4 | 153–161 | 1985 |
| Eye fatigue, Spectral, in a school environment | K T Tikkanen | 11 | 4 | 184–188 | 1979 |
| Eye, human, A note on the equivalent luminance and spectral luminous efficiency within the mesopic range | A Cakir & J Krochmann | 3 | 2 | 152–157 | 1971 |
| Eyelids, Possible optical, visual and behavioural effects of | L R Ronchi | 20 | 1 | 11–19 | 1988 |
| Eye position on effectiveness of retroreflective traffic signs, Influence of truck driver | M Sivak, M Flannagan & A W Gellatly | 25 | 1 | 31–36 | 1993 |
| Eye, The, vision and visual discomfort | C H Bedwell | 4 | 3 | 151–158 | 1972 |
| **F** | | | | | |
| Fence luminance, The effect of on the detection of potential intruders | P R Boyce | 11 | 2 | 78–84 | 1979 |
| Fibre-optic photocells, Sky-scanning luminance meters: Proposal using | S Hayman | 21 | 4 | 195–196 | 1989 |
| Field measurement of illuminance | D J Carter, R C Sexton & M S Miller | 21 | 1 | 29–35 | 1989 |
| Film lighting, The use of metal halide discharge lamps. Part 1 | E W Taylor | 10 | 4 | 203–224 | 1978 |
| Film lighting, The use of metal halide discharge lamps. Part 2 | E W Taylor | 11 | 1 | 24–36 | 1979 |
| Finsen meter, A portable, for photobiological studies | H R Ruff | 2 | 1 | 43–46 | 1970 |
| Flashing lights at reduced level, Effective intensity behaviour of | M Chander, K Chandra & K C Joshi | 23 | 2 | 111–112 | 1991 |
| Correspondence | J G Holmes | 24 | 3 | 167 | 1993 |
| Flashing light signals, A summary of some researches on | B N Kishto | 1 | 2 | 109–110 | 1969 |
| Flashing light signals, Terminology for | J G Holmes | 6 | 1 | 24–29 | 1974 |
| Flicker, Human sensitivity to | G W Brundrett | 6 | 3 | 127–143 | 1974 |
| Flickering sources: Application to VDT viewing, Temporal contrast sensitivity changes associated with simultaneous viewing of two | D S Greenhouse, I L Bailey, S M Berman & P A Howarth | 25 | 4 | 161–166 | 1993 |
| Floodlighting, A new lamp for | T S Ainsworth | 3 | 1 | 60–63 | 1971 |
| Floodlighting design, A stereographic technique for | J A Lynes | 3 | 1 | 58–60 | 1971 |
| Floodlighting, Glare evaluation of tennis court | R A Hargroves, I C Henry & M Trezzi | 18 | 4 | 157–160 | 1986 |
| Floodlights, Tungsten halogen and metal halide discharge lamps in | D O Wharmby | 5 | 1 | 52–54 | 1973 |
| Flow of light, and The luminaire domain | J A Lynes | 7 | 4 | 242–250 | 1975 |
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| Flow of light, Measuring the direction of | N P G Dale, J N Broadbridge & P M Crowther | 4 | 1 | 43–44 | 1972 |
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| Fluorescent lamp behaviour under square-wave voltages and other unusual supply conditions, Compact | L Di Fraia & F Salemme | 20 | 1 | 29–31 | 1988 |
| Fluorescent lamp coatings with layers of different compositions | J W ter Vrught, L W J Manders & W L Wanmaker | 7 | 1 | 23–29 | 1975 |
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|---|---|---|---|---|---|
| Fluorescent lamp: II Colour measurements and statistical analysis, Effect on clinical judgements of new types of | A Lovett, M B Halstead & A R Hill | 23 | 1 | 53–67 | 1991 |
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| Fluorescent—See also Lamps | | | | | |
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## G

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| Glare, disability, effect from street lighting lanterns, A modified formula for calculating | R L Watson | 2 | 4 | 261–264 | 1970 |
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| Glare, discomfort: a formula to bridge differences | H D Einhorn | 11 | 2 | 90–94 | 1979 |
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| Glare, discomfort, A new method of assessment | H D Einhorn | 1 | 4 | 235–247 | 1969 |
| Glare, discomfort, A portable evaluator | J D Einhorn & M J Case | 12 | 2 | 105–106 | 1980 |
| Glare, discomfort, Evaluation of. IES Technical Report No. 10 | IES Tech Cttee. | 4 | 3 | 172–173 | 1972 |
| Glare, discomfort, from ceiling mounted luminaires | P C Betts & D C Pritchard | 6 | 4 | 230–232 | 1974 |
| Glare, discomfort, Individual and group differences in responses | P T Stone & S D P Harker | 5 | 1 | 41–49 | 1973 |
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| Glare, Evaluation of discomfort—IES Technical Report No. 10 | IES Tech Cttee. | 4 | 3 | 172–173 | 1972 |
| Glare evaluation of tennis court floodlighting | R A Hargroves, I C Henry & M Trezzi | 18 | 4 | 157–160 | 1986 |
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| Glare in street lighting, A simple method for the appraisal of | W Adrian & D A Schreuder | 2 | 2 | 61–73 | 1970 |

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| Glare limitation, Relationship between two systems | H E Bellchambers, J B Collins & V H C Crisp | 7 | 2 | 106–112 | 1975 |
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## H

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| Headlights, The automatic dimming of, in lit streets | J S Yerrell | 5 | 3 | 162–164 | 1973 |
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| Headlight system, A new polarized | G Johansson & K Rumar | 2 | 1 | 28–32 | 1970 |
| Headlight systems, Polarized: the effect of laminated and toughened windscreens on visibility distances | K Rumar, J-B Forsgren, M Thorell & G Johansson | 3 | 2 | 158–161 | 1971 |
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| Home, A study of lighting in the | J Simpson & A W S Tarrant | 15 | 1 | 1–8 | 1983 |
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| Hospital bedded areas, Close ceiling mounted luminaires for | IES Tech Cttee. | 9 | 4 | 209–213 | 1977 |
| Hospital circulation spaces which are open to bed bays, Lighting of | A H Cockram & J B Collins | 6 | 2 | 69–78 | 1974 |
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| Hue discrimination and light sources | P R Boyce & R H Simons | 9 | 3 | 125–140 | 1977 |
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## I

| | | | | | |
|---|---|---|---|---|---|
| IES Glare Index, A comparison of the accuracy of methods of calculating | P R Boyce | 4 | 1 | 31–34 | 1972 |
| IES Glare Index system, The accuracy of | L Bedocs & R H Simons | 4 | 2 | 80–89 | 1972 |
| IES Technical Report No. 10—Evaluation of discomfort glare | IES Tech Cttee. | 4 | 3 | 172–173 | 1972 |
| Igniter, A variable-parameter electronic, for gas-discharge lamps | A N Chalmers, D M Levin, V K Randall & E Reibeling | 11 | 1 | 47–50 | 1979 |
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| Illumination, colour rendering and visual clarity | H E Bellchambers & A C Godby | 4 | 2 | 104–106 | 1972 |
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| Interior lighting design, Some approaches to the treatment of obstruction in | I McEwan & D J Carter | 17 | 3 | 107–115 | 1985 |
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| Lamps incandescent and tungsten-halogen, Operating pressure and influence of envelope temperature on life | J R Coaton | 9 | 1 | 25–30 | 1977 |
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| Lamps, incandescent, The shock resistance of | J R de Bie | 3 | 1 | 45–51 | 1971 |
| Lamps, incandescent tungsten filament, The optimum operating gas pressure for | J R Coaton | 1 | 2 | 98–103 | 1969 |
| Lamps, tungsten-bromine, Oxygen additions to | D H Price | 8 | 1 | 45–46 | 1976 |
| Lamp, The tunsten-halogen, decade | R Burgin & E F Edwards | 2 | 2 | 95–108 | 1970 |
| Life and luminous flux of halogen incandescent lamps related to filament temperature, pressure and $CH_2Br_2$ content | J R de Bie & J C M A Ponsioen | 9 | 3 | 141–150 | 1977 |
| On the economic life of GLS incandescent lamps | R Burgin | 16 | 1 | 52–53 | 1984 |
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| National Illumination Committee of Great Britain. Report for the year ended 30 September 1983 | | 16 | 2 | 85–97 | 1984 |
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| Lighting, exterior—Value for money | K T O Cox | 4 | 4 | 236–242 | 1972 |
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| Lighting progress, A review of | J M Waldram | 4 | 3 | 129–138 | 1972 |
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| Light signals, flashing, Terminology for | J G Holmes | 6 | 1 | 24–29 | 1974 |
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| Museum, Calouste Gulbenkian, Lighting of the | J S Ribeiro, W A Allen & M de Amorim | 3 | 2 | 79–98 | 1971 |
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| | | | | | |
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| | | | | | |
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| | | | | | |
|---|---|---|---|---|---|
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| J W ter Vrugt & W L Wanmaker | New phosphors for lamps | 3 | 2 | 147 | 1971 |

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| H G Wagner | On chromatic adaptation | 1 | 1 | 56 | 1969 |
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| D T Waigh | Temperature effects with fluorescent lamps (Correspondence) | 2 | 2 | 115 | 1970 |
| J M Waldram | Diamond Jubilee Lecture: Light and the community Part 2: the growth of lighting | 1 | 2 | 78 | 1969 |
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| | A manual of perspective for lighting engineers | 14 | 2 | 65 | 1982 |
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| R J Walsingham et al | Measurement of visual adaptation—preliminary experiments | 1 | 2 | 104 | 1969 |
| K Wani | Fluorescent lamps: Dynamic analysis with two-temperature representation of electron energy distribution | 23 | 2 | 107 | 1991 |
| W L Wanmaker et al | Fluorescent lamp coatings with layers of different compositions | 7 | 1 | 23 | 1975 |
| | New blue lamp for phototherapy of hyperbilirubinemia | 7 | 1 | 19 | 1975 |
| W L Wanmaker & J W ter Vrugt | New phosphors for lamps | 3 | 2 | 147 | 1971 |
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| L Wetterberg & R Kuller | Melatonin, cortisol, EEG, ECG and subjective comfort in healthy humans: Impact of two fluorescent lamp types at two light intensities | 25 | 2 | 71 | 1993 |
| J Whalen et al | The photometry of the flow of light | 3 | 4 | 284 | 1971 |
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| D O Wharmby & P L Denbigh | Electrode fall and electric field measurements in high-pressure sodium discharges | 8 | 3 | 141 | 1971 |
| D O Wharmby et al | Comparison of high-pressure discharges in mercury and the halides aluminium, tin and lead | 7 | 1 | 11 | 1975 |
| M J Whillock *et al* | Ultraviolet radiation emissions from miniature (compact) fluorescent lamps | 22 | 3 | 125 | 1990 |
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| F L Whittaker | Properties of sodium tin halide-mercury discharges | 13 | 1 | 11 | 1981 |
| F L Whittaker et al | Comparison of high-pressure discharges in mercury and the halides of aluminium, tin and lead | 7 | 1 | 11 | 1975 |
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| A J Wilkins & C Clark | Modulation of light from fluorescent lamps | 22 | 2 | 103 | 1990 |
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| | The effect of glazing upon energy consumption within buildings | 24 | 2 | 99 | 1992 |
| P C Williams | The effect of surface colour on apparent surface distance | 4 | 1 | 27 | 1972 |
| A H Willoughby | Diamond Jubilee Lecture: Light and the community Part 1: The evolution of electric lamps | 1 | 2 | 69 | 1969 |
| | Presidential address: New lamps—their suitability for interior lighting | 6 | 1 | 1 | 1974 |
| T J Wiltshire & T W A Whitfield | The aesthetic function of colour in buildings—a critique | 12 | 3 | 129 | 1980 |
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| D E Work | Chemistry of metal halide lamps: a review | 13 | 3 | 143 | 1981 |
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| X H Zhou *et al* | Improving the spectral characteristics of fluorescent lamps by using narrow-band phosphors | 19 | 1 | 7 | 1987 |
| T M Zhou *et al* | Improving the spectral characteristics of fluorescent lamps by using narrow-band phosphors | 19 | 1 | 7 | 1987 |
| R J Zollweg & K L Kussmaul | Non-destructive monitoring of high-pressure sodium arcs | 15 | 4 | 179 | 1983 |